

# PATENT ABSTRACTS OF JAPAN

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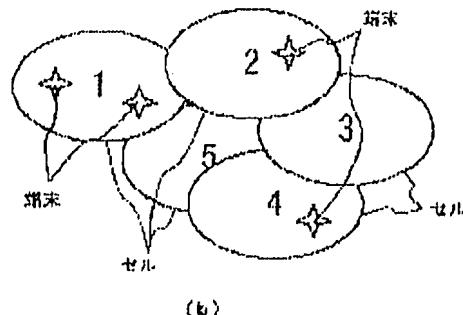
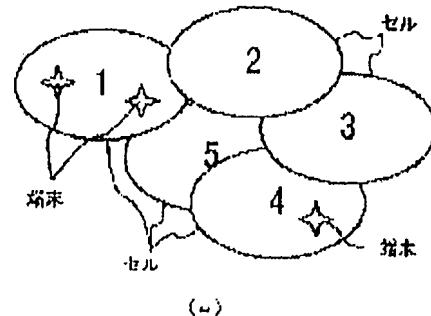
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## (54) MOBILE COMMUNICATION SYSTEM

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a mobile communication system that realizes a multiple address channel function which reduced disturbance onto a mobile station not receiving a multiple address message and which can be used by a plurality of users.

SOLUTION: Upon the receipt of a multiple access service request, first the system side calls an object terminal, decides a cell to which a multiple address message should be sent depending on from which cell a reply has arrived, assigns a channel to each cell and controls multiple access so that the access is started as soon as the assignment is finished. On the other hand, a mobile station measures the power of the received multiple access message and transmits a transmission power increase request signal only when the received power is deficient. A base station increases transmission power when a transmission power increase request signal is received but gradually decreases transmission power when no transmission power increase request signal is received. As a result, the transmission power of the base station is controlled so that the mobile station remotest from the base station receives minimum required power.



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